

STATEMENT OF BASIS
Texas Eastern Transmission, LP
Barton Compressor Station
Colbert County
Facility/Permit No. 701-0041

This proposed Major Source Operating Permit (MSOP) renewal is issued under the provisions of ADEM Admin. Code r. 335-3-16. The above named applicant has requested authorization to perform the work or operate the facility shown on the application and drawing, plans, and other documents attached hereto or on file with the Air Division of the Alabama Department of Environmental Management, in accordance with the terms and conditions of this permit. The current MSOP was originally issued on October 1, 2004, and is scheduled to expire on October 26, 2009. This is the second renewal of the facility's Title V MSOP.

Texas Eastern Transmission, LP (Texas Eastern) operates an existing natural gas transmission operation (SIC 4922). The significant sources of air pollutants at this facility are one 19,800 Hp GE Frame 5 Natural Gas-fired Combustion Turbine and one 550 Hp Waukesha L3711 4-Stroke, Rich Burn, Natural Gas-fired Reciprocating Emergency Generator. Insignificant activities at this station include loading/storage of liquid organic compounds and pipeline blowdowns/purges. The current MSOP has not undergone any changes since initial issuance. This renewal will address the facility's applicability to newly promulgated regulations.

Applicability: Federal Regulations

Title V

This facility is considered a major source under Title V regulations because the potential emissions for nitrogen oxides (NO_x) and carbon monoxide (CO) each exceed the 100 TPY major source threshold. It is not a major source of Hazardous Air Pollutants (HAP) because individual HAP potential emissions are less than 10 TPY and the total HAP potential emissions are less than 25 TPY.

Prevention of Significant Deterioration (PSD)

This facility is located in an attainment area for all criteria pollutants and is considered a major source for PSD because the facility-wide potential NO_x emissions exceed 250 TPY; however, the 19,800 Hp GE turbine and the 550 Hp Waukesha emergency generator were installed in 1968, prior to the PSD applicability date of January 1977. No modifications which would require PSD review have been reported to the Alabama Department of Environmental Management.

NSPS

The 19,800 Hp GE turbine is not subject to 40 CFR 60 NSPS, Subpart GG, Standards of Performance for Stationary Gas Turbines because it was installed prior to the October 3, 1977, applicability date.

The 550 Hp Waukesha emergency generator is not subject to 40 CFR 60 NSPS, Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines because it was manufactured prior to the January 1, 2008 applicability date.

MACT

The 19,800 Hp GE turbine is not subject to 40 CFR 63, Subpart YYYYY, the National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines, because it is not located at a major source of HAP emissions.

EPA amended 40 CFR Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE MACT) on January 18, 2008, to include area sources. Therefore, the 550 Hp Waukesha emergency generator is considered an existing affected source, since it was manufactured prior to June 12, 2006, and can no longer be listed as an insignificant activity. There are no testing, monitoring, or initial notification requirements applicable to this engine.

Applicability: State Regulations

Although the 19,800 Hp GE turbine and 550 Hp Waukesha emergency generator are fuel combustion sources, they are not subject to any particulate matter (as TSP) emission limitation of ADEM Admin. Code r. 335-3-4-.03 or any sulfur dioxide (SO₂) emission limitation of ADEM Admin. Code r. 335-3-5-.01 because they do not meet the definition of fuel burning equipment nor are they considered one of the process industries, general or specific. These units are subject to the visible emission standard of ADEM Admin. Code r. 335-3-4-.01(1). Since these units are fired exclusively with natural gas, they are expected to be able to comply with this standard.

Emission Testing and Monitoring

Texas Eastern would be required to certify on a semiannual basis that only natural gas was burned in the 19,800 Hp GE turbine and 550 Hp Waukesha emergency generator as a method for monitoring compliance with the visible emission requirements of ADEM Admin. Code r. 335-3-4-.01(1).

Compliance Assurance Monitoring (CAM)

The 19,800 Hp GE turbine and 550 Hp Waukesha emergency generator are not subject to CAM requirements (40 CFR Part 64) because they are not subject to an emission limitation or standard nor do they utilize control devices.

Recordkeeping and Reporting Requirements

Texas Eastern would be required to submit a certification semiannually that only natural gas was fired in the 19,800 Hp GE turbine and 550 Hp Waukesha emergency generator.

Recommendation

Based on the above analysis, I recommend that the current Major Source Operating Permit (701-0041) be issued with the requirements above pending a 30-day public comment period and a 45-day EPA review.

Jenny Koslow
Chemical Branch
Air Division

July 9, 2009
Date



MAJOR SOURCE OPERATING PERMIT

PERMITTEE: TEXAS EASTERN TRANSMISSION, LP

FACILITY NAME: BARTON COMPRESSOR STATION

FACILITY/PERMIT NO.: 701-0041

LOCATION: TUSCUMBIA, COLBERT COUNT, ALABAMA

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Ala. Code §§22-28-1 to 22-28-23 (2006 Rplc. Vol. and 2007 Cum. Supp.) (the "AAPCA") and the Alabama Environmental Management Act, as amended, Ala. Code §§22-22A-1 to 22-22A-15 (2006 Rplc. Vol. and 2007 Cum. Supp.), and rules and regulations adopted there under, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

Issuance Date: DRAFT

Effective Date: October 27, 2009

Expiration Date: October 26, 2014

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General Permit Provisos

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<p>1. <u>Transfer</u></p> <p>This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in ADEM Admin. Code r. 335-3-16-.13(1)(a)5.</p> <p>2. <u>Renewals</u></p> <p>An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.</p> <p>The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p> <p>3. <u>Severability Clause</u></p> <p>The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivisions, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p> <p>4. <u>Compliance</u></p> <p>(a) The permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the permittee.</p> <p>(b) The permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.</p> <p>5. <u>Termination for Cause</u></p> <p>This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p>	<p>ADEM Admin. Code r. 335-3-16-.02(6)</p> <p>ADEM Admin. Code r. 335-3-16-.12(2)</p> <p>ADEM Admin. Code r. 335-3-16-.05(e)</p> <p>ADEM Admin. Code r. 335-3-16-.05(f)</p> <p>ADEM Admin. Code r. 335-3-16-.05(g)</p> <p>ADEM Admin. Code r. 335-3-16-.05(h)</p>

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<p>6. <u>Property Rights</u></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p> <p>7. <u>Submission of Information</u></p> <p>The permittee must submit to the Air Division, within 30 days or for such other reasonable time as the Air Division may set, any information that the Air Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the permittee shall also furnish to the Air Division copies of records required to be kept by this permit.</p> <p>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></p> <p>No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p> <p>9. <u>Certification of Truth, Accuracy, and Completeness</u></p> <p>Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p> <p>10. <u>Inspection and Entry</u></p> <p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none"> (a) Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit; (b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit; (c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit; 	<p>ADEM Admin. Code r. 335-3-16-.05(i)</p> <p>ADEM Admin. Code r. 335-3-16-.05(j)</p> <p>ADEM Admin. Code r. 335-3-16-.05(k)</p> <p>ADEM Admin. Code r. 335-3-16-.07(a)</p> <p>ADEM Admin. Code r. 335-3-16-.07(b)</p>

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<p>(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.</p> <p>11. Compliance Provisions</p> <p>(a) The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.</p> <p>(b) The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.</p> <p>12. Compliance Certification</p> <p>The permittee shall submit a complete and accurate compliance certification by December 15th of each year for each annual reporting period of this permit (October 16th – October 15th).</p> <p>(a) The compliance certification shall include the following:</p> <ol style="list-style-type: none"> (1) The identification of each term or condition of this permit that is the basis of the certification; (2) The compliance status; (3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with ADEM Admin. Code r. 335-3-16-.05(c) (Monitoring and Recording Keeping Requirements); (4) Whether compliance has been continuous or intermittent; (5) Such other facts as the Air Division may require to determine the compliance status of the source; <p>(b) The compliance certification shall be submitted to:</p> <p style="text-align: center;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463 and to: Air and EPCRA Enforcement Branch EPA Region IV 61 Forsyth Street, SW Atlanta, GA 30303</p> <p>13. Reopening for Cause</p> <p>Under any of the following circumstances, this permit will be</p>	<p>ADEM Admin. Code r. 335-3-16-.07(c)</p> <p>ADEM Admin. Code r. 335-3-16-.07(e)</p> <p>ADEM Admin. Code r.</p>

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<p>reopened prior to the expiration of the permit:</p> <p>(a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire.</p> <p>(b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit.</p> <p>(c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.</p> <p>(d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.</p>	<p>335-3-16-.13(5)</p>
<p>14. <u>Additional Rules and Regulations</u></p> <p>This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.</p>	<p>§22-28-16(d), <u>Code of Alabama 1975</u>, as amended</p>
<p>15. <u>Equipment Maintenance or Breakdown</u></p> <p>(a) In case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Air Division at least (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following:</p> <p>(1) Identification of the specific facility to be taken out of service as well as its location and permit number;</p> <p>(2) The expected length of time that the air pollution control equipment will be out of service;</p> <p>(3) The nature and quality of emissions of air contaminants likely to occur during the shutdown period;</p> <p>(4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown</p>	<p>ADEM Admin. Code r. 335-3-1-.07(1),(2)</p>

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<p>period;</p> <p>(5) The reasons that it would be impossible or impractical to shut down the sources operation during the maintenance period.</p> <p>(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director will be notified when the breakdown has been corrected.</p>	
<p><u>16. Operation of Capture and Control Devices</u></p> <p>All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.</p>	<p>§22-28-11, <u>Code of Alabama 1975</u>, as amended</p>
<p><u>17. Obnoxious Odors</u></p> <p>This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.</p>	<p>ADEM Admin. Code r. 335-3-1-.08</p>
<p><u>18. Fugitive Dust</u></p> <p>(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.</p> <p>(b) Plant or haul roads and grounds will be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:</p> <p>(1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;</p> <p>(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;</p> <p>(3) By paving;</p>	<p>ADEM Admin. Code r. 335-3-4-.02</p>

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<p data-bbox="284 289 1133 378">(4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions.</p> <p data-bbox="284 415 1133 625">Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Air Division prior to utilization.</p> <p data-bbox="191 663 571 693"><u>19. Additions and Revisions</u></p> <p data-bbox="235 726 1133 785">Any modifications to this source shall comply with the modification procedures in ADEM Admin. Code r. 335-3-16-.13 or 335-3-16-.14.</p> <p data-bbox="191 848 646 877"><u>20. Recordkeeping Requirements</u></p> <p data-bbox="235 911 1133 970">(a) Records of required monitoring information of the source shall include the following:</p> <ul data-bbox="284 991 1133 1360" style="list-style-type: none">(1) The date, place, and time of all sampling or measurements;(2) The date analyses were performed;(3) The company or entity that performed the analyses;(4) The analytical techniques or methods used;(5) The results of all analyses; and(6) The operating conditions that existed at the time of sampling or measurement. <p data-bbox="235 1394 1133 1612">(b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit.</p> <p data-bbox="191 1646 578 1675"><u>21. Reporting Requirements</u></p> <p data-bbox="235 1709 1133 1860">(a) Reports to the Air Division of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with ADEM Admin. Code r. 335-3-16-.04(9).</p> <p data-bbox="235 1894 1133 1953">(b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including those</p>	<p data-bbox="1159 726 1412 814">ADEM Admin. Code r. 335-3-16-.13 and 335-3-16-.14</p> <p data-bbox="1159 911 1412 970">ADEM Admin. Code r. 335-3-16-.05(c)2.</p> <p data-bbox="1159 1709 1412 1768">ADEM Admin. Code r. 335-3-16-.05(c)3.</p>

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<p>attributable to upset conditions as defined in the permit. The report will include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.</p>	
<p>22. <u>Emission Testing Requirements</u></p> <p>Each point of emission which requires testing will be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.</p> <p>The Air Division must be notified in writing at least 10 days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.</p> <p>To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:</p> <p>(a) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.</p> <p>(b) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures requires probe cleaning).</p> <p>(c) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.</p> <p>(d) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.</p> <p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division.</p>	<p>ADEM Admin. Code r. 335-3-1-.05(3) and 335-3-1-.04(1)</p> <p>ADEM Admin. Code r. 335-3-1-.04</p> <p>ADEM Admin. Code r. 335-3-1-.04</p>
<p>23. <u>Payment of Emission Fees</u></p> <p>(a) The permittee shall submit the annual Operating Permit Fees required by ADEM Admin. Code r. 335-1-7-.04 according to the schedule in ADEM Admin. Code r. 335-1-7-.05</p> <p>(b) The permittee shall submit its estimates of actual emissions for the previous calendar year according to the schedule in ADEM Admin. Code r. 335-1-7-.05.</p>	<p>ADEM Admin. Code r. 335-1-7-.05</p> <p>ADEM Admin. Code r. 335-1-7-.05</p>

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<p><u>24. Other Reporting and Testing Requirements</u></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p> <p><u>25. Title VI Requirements (Refrigerants)</u></p> <p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports shall be submitted to the US EPA and the Department as required.</p> <p><u>26. Chemical Accidental Prevention Provisions</u></p> <p>If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:</p> <p>(a) The owner or operator shall comply with the provisions in 40 CFR Part 68.</p> <p>(b) The owner or operator shall submit one of the following:</p> <p>(1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR Part 68 § 68.10(a) or,</p> <p>(2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.</p> <p><u>27. Display of Permit</u></p> <p>This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and will make the permit readily available for inspection by any or all persons who may request to see it.</p>	<p>ADEM Admin. Code r. 335-3-1-.04(1)</p> <p>ADEM Admin. Code r. 335-3-16-.05(a)</p> <p>40 CFR Part 68</p> <p>ADEM Admin. Code r. 335-3-14-.01(1)(d)</p>

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<p><u>28. Circumvention</u></p> <p>No person shall cause or permit the installation or use of any device or any means which, without resulting in the reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.</p> <p><u>29. Visible Emissions</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.</p> <p><u>30. Fuel-Burning Equipment</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.03.</p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-5-.01.</p> <p><u>31. Process Industries – General</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.04.</p> <p><u>32. Averaging Time for Emission Limits</u></p> <p>Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.</p> <p><u>33. Permit Shield</u></p> <p>A Permit Shield exists under this operating permit in accordance with ADEM Admin. Code r. 335-3-16-.10 in that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in this operating permit.</p>	<p>ADEM Admin. Code r. 335-3-1-.10</p> <p>ADEM Admin. Code r. 335-3-4-.01(1)</p> <p>ADEM Admin. Code r. 335-3-4-.03</p> <p>ADEM Admin. Code r. 335-3-5-.01</p> <p>ADEM Admin. Code r. 335-3-4-.04</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-16-.10</p>

Emission Unit No. 001 (Station ID #20501)

Summary Page

Description: 19,800 Hp GE Frame 5 Natural Gas-fired Combustion Turbine

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{365 \text{ Days}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
001	19,800 Hp GE Frame 5 Natural Gas-fired Combustion Turbine	NO _x	N/A	N/A
		CO	N/A	N/A
		VOC	N/A	N/A
		SO ₂	N/A	N/A
		PM	N/A	N/A
		HAPs	N/A	N/A

Emission Unit No. 001 (Station ID #20501)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>2. <u>Emission Standards</u></p> <p>Visible emissions shall not exceed more than one six-minute average opacity greater than 20% during any one hour and shall not exceed any six-minute average opacity greater than 40%.</p> <p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>If testing is required, opacity shall be determined by 40 CFR Part 60, Appendix A, Reference Method 9.</p> <p>4. <u>Emission Monitoring</u></p> <p>The permittee shall certify semiannually that only natural gas was fired in this unit.</p> <p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>The permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (October 27th – April 26th and April 27th – October 26th). The report shall certify that only natural gas was fired in this unit during the reporting period.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-4-.01(1)</p> <p>40 CFR Part 60</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 002 (Source No. 20435)

Summary Page

Description: 550 Bhp Waukesha L3711 4-Stroke, Rich Burn, Natural Gas-fired Reciprocating Engine

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{365 \text{ Days}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
002	550 Bhp Waukesha L3711 4-Stroke, Rich Burn, Natural Gas-fired Reciprocating Engine	NO _x	N/A	N/A
		CO	N/A	N/A
		VOC	N/A	N/A
		SO ₂	N/A	N/A
		PM	N/A	N/A
		HAPs	N/A	N/A

Emission Unit No. 002 (Source No. 20435)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u> (a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits." (b) This unit is subject to the applicable provisions of 40 CFR 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.	ADEM Admin. Code r. 335-3-16-.03 40 CFR 63, Subpart ZZZZ
2. <u>Emission Standards</u> Visible emissions shall not exceed more than one six-minute average opacity greater than 20% during any one hour and shall not exceed any six-minute average opacity greater than 40%.	ADEM Admin. Code r. 335-3-4-.01(1)
3. <u>Compliance and Performance Test Methods and Procedures</u> If testing is required, opacity shall be determined by 40 CFR Part 60, Appendix A, Reference Method 9.	40 CFR Part 60
4. <u>Emission Monitoring</u> The permittee shall certify semiannually that only natural gas was fired in this unit.	ADEM Admin. Code r. 335-3-16-.05(c)
5. <u>Recordkeeping and Reporting Requirements</u> The permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (October 27 th – April 26 th and April 27 th – October 26 th). The report shall certify that only natural gas was fired in this unit during the reporting period.	ADEM Admin. Code r. 335-3-16-.05(c)